

FIG. 1

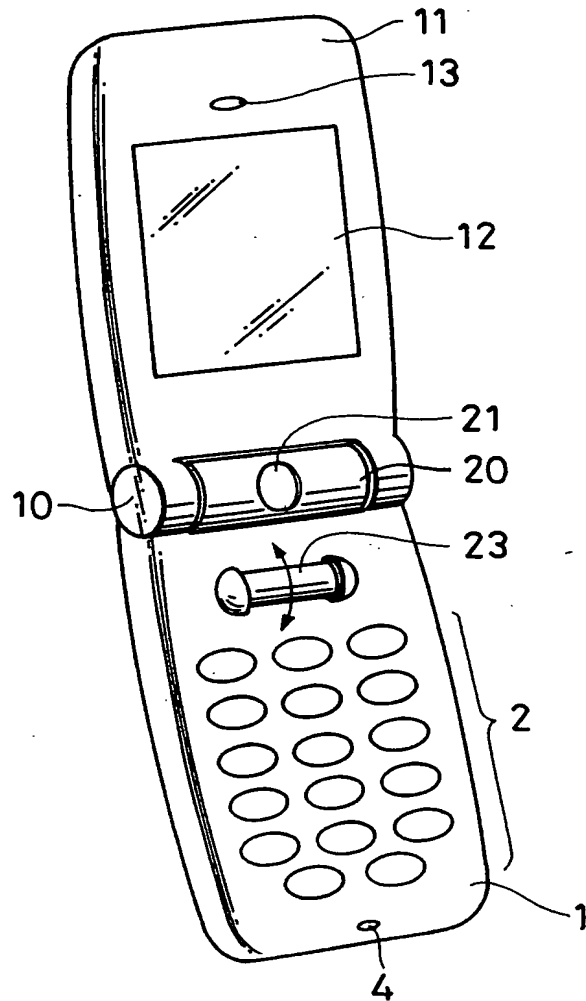


FIG. 2

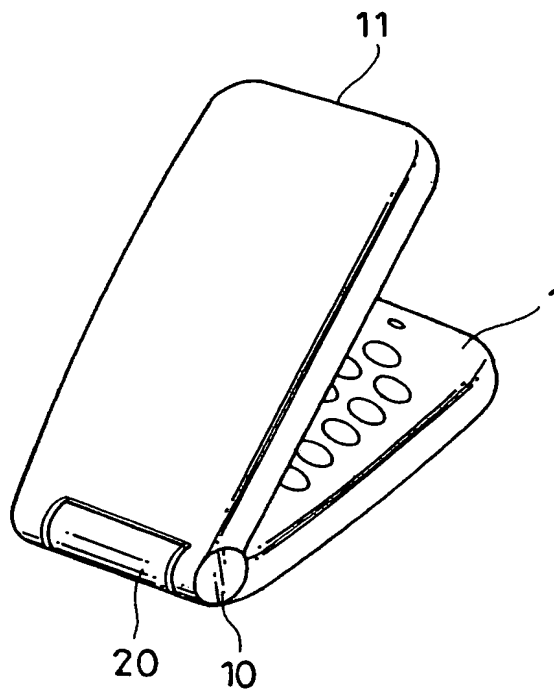
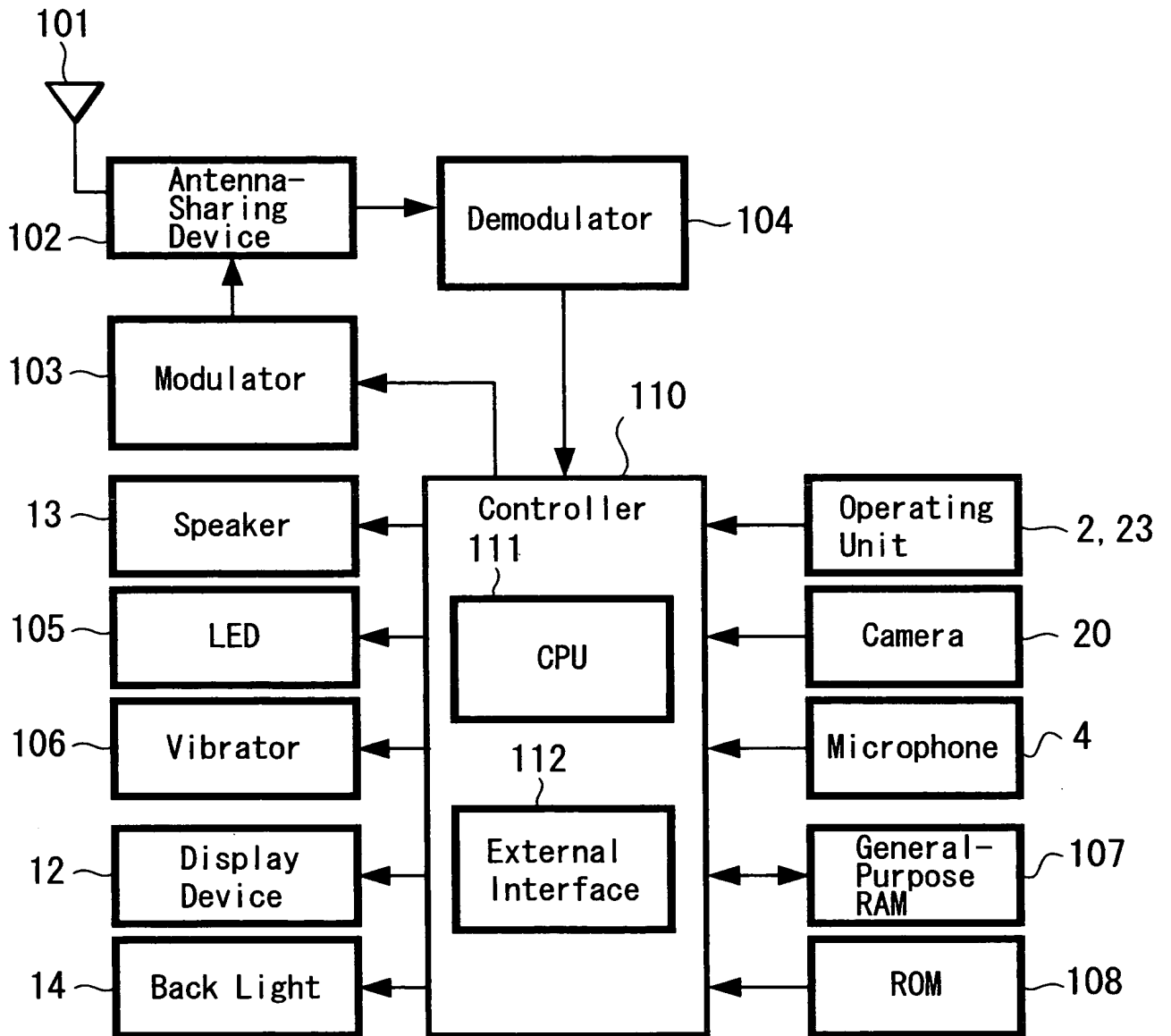
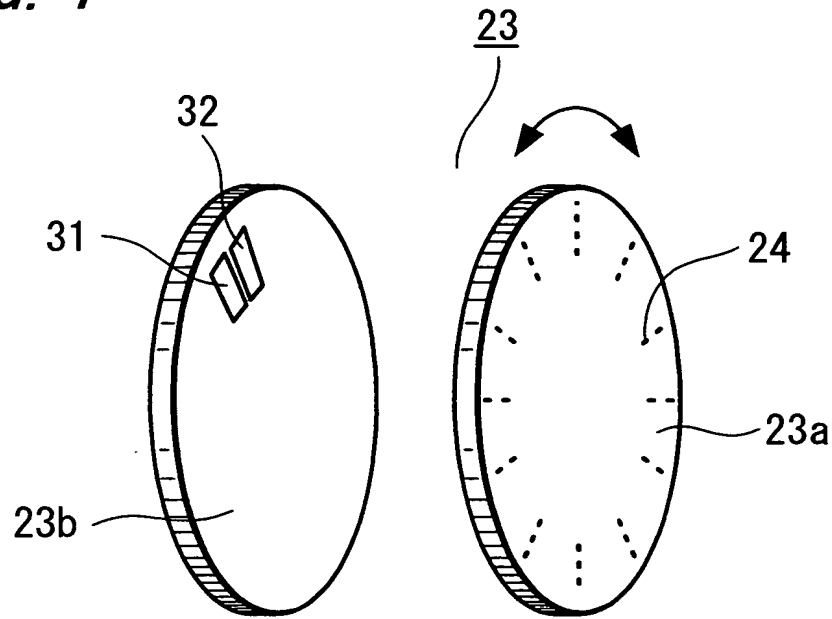


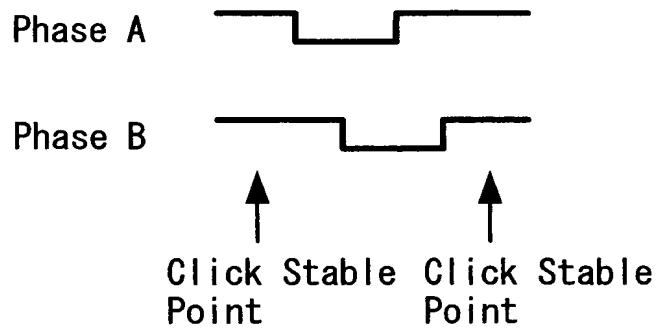
FIG. 3



**FIG. 4**



**FIG. 5**



**FIG. 6**

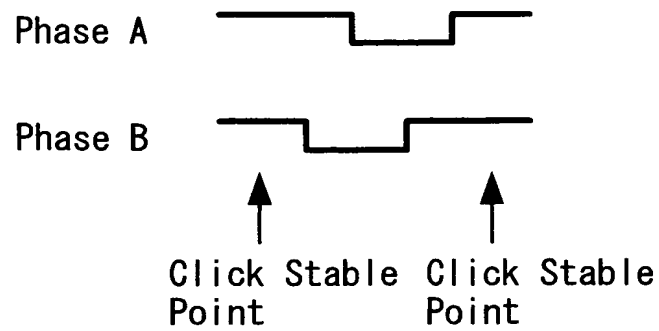
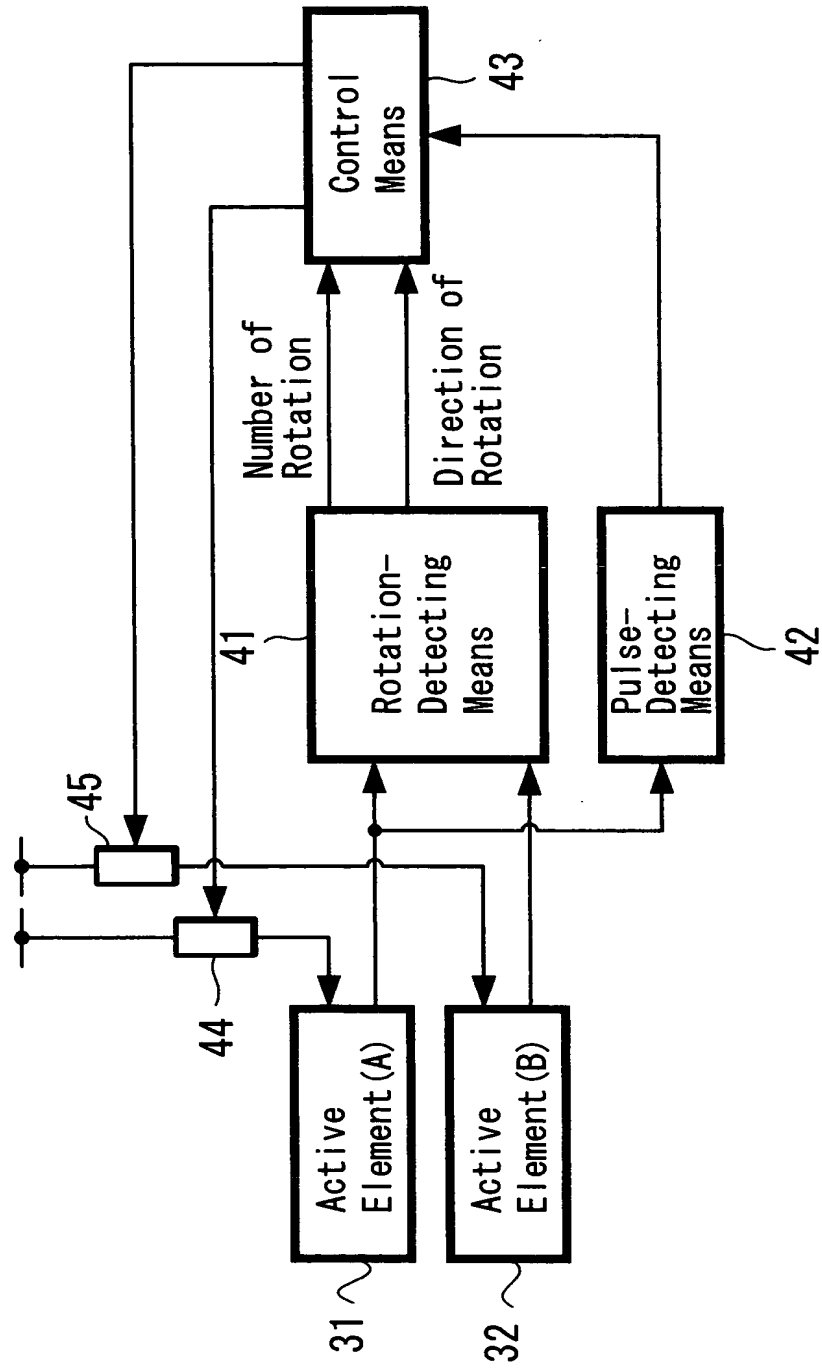


FIG. 7



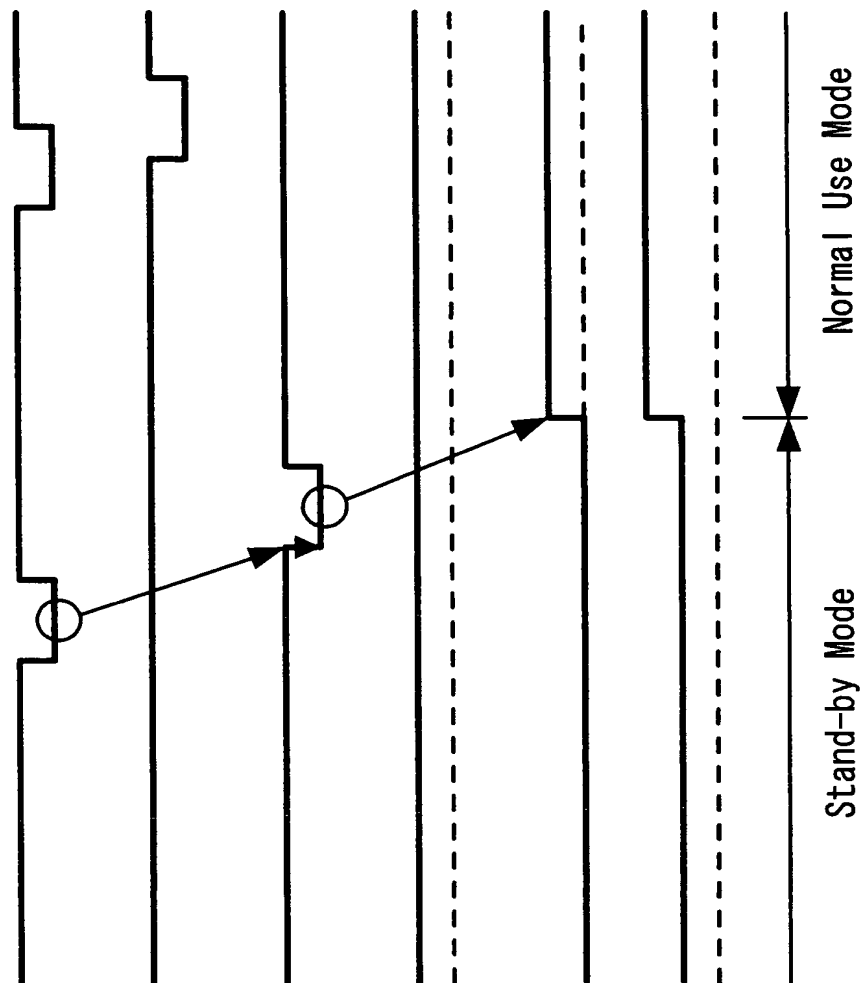
**FIG. 8A** Output of Active Element (A)**FIG. 8B** Output of Active Element (B)**FIG. 8C** Wake-Interrupt**FIG. 8D** Power Supply to Active Element (A)**FIG. 8E** Power Supply to Active Element (B)**FIG. 8F** Power Consumption

FIG. 9

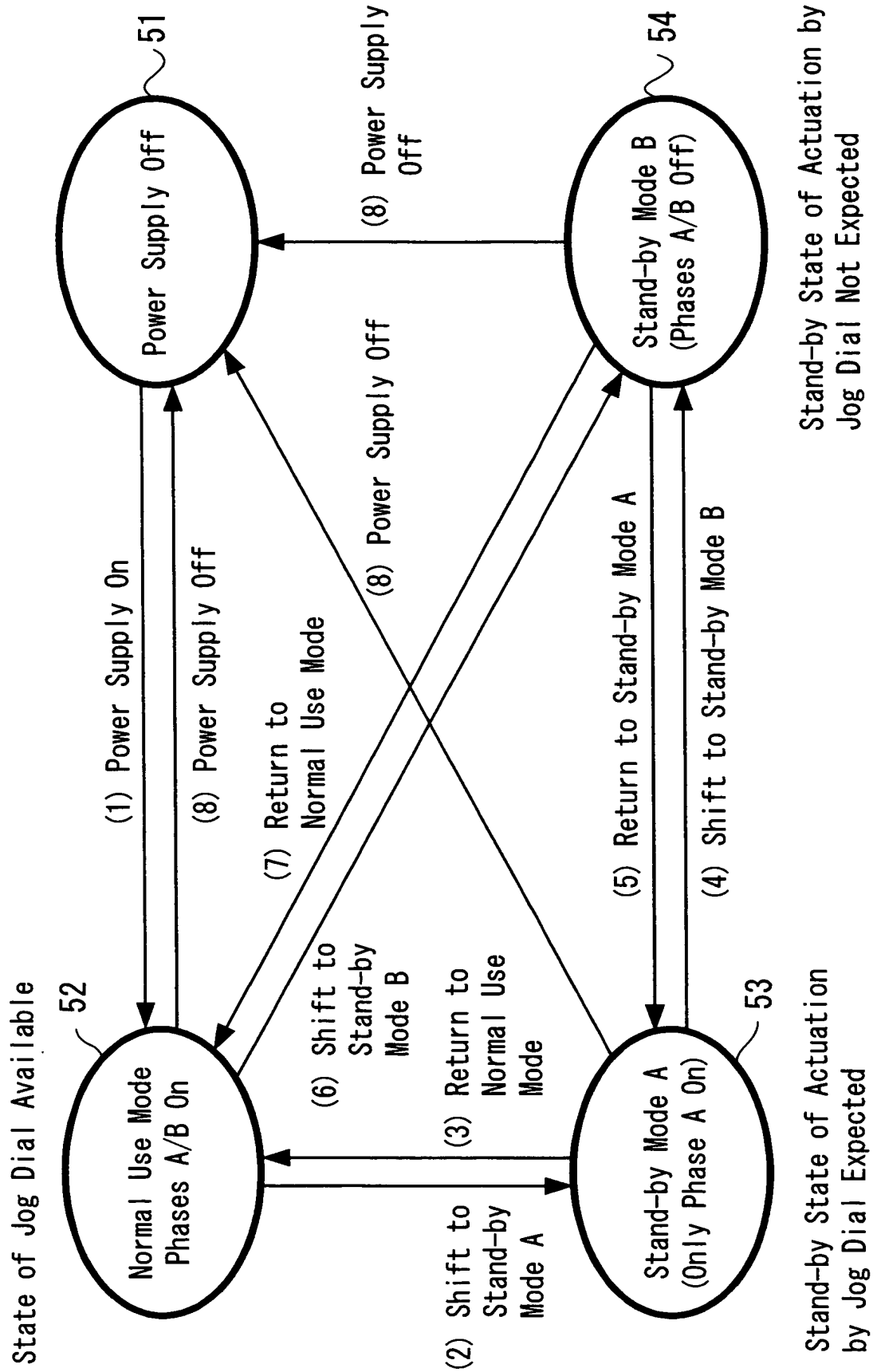


FIG. 10

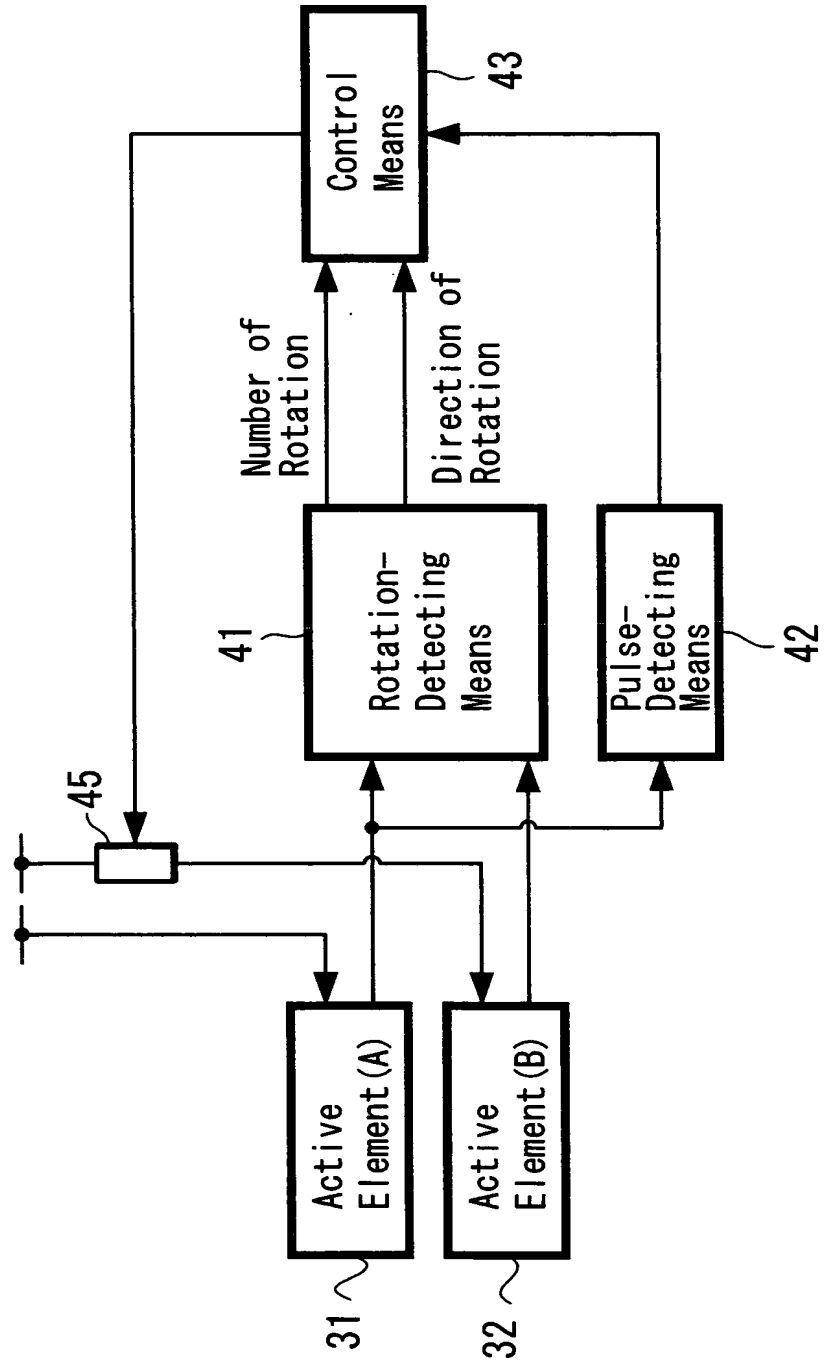
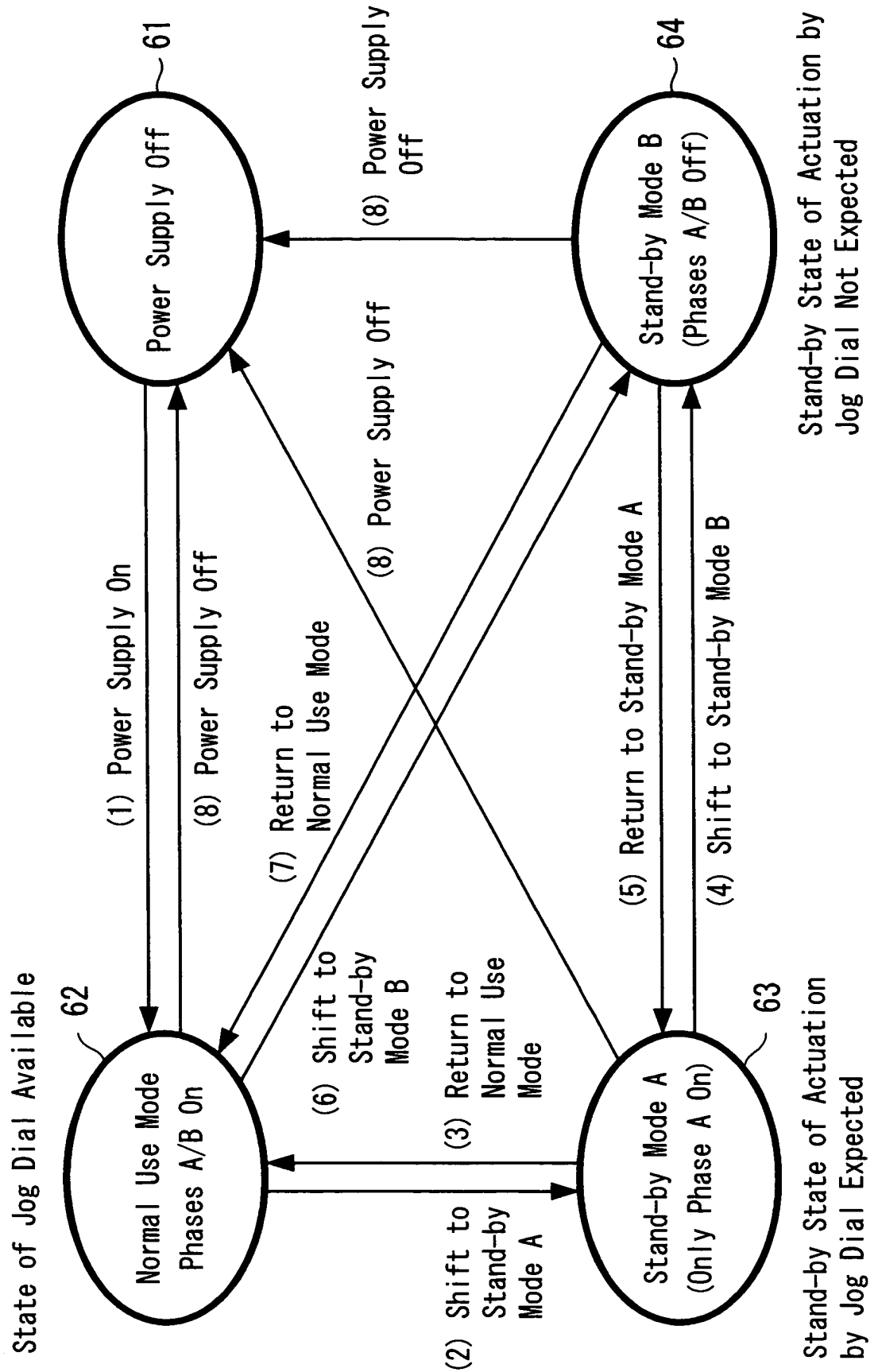
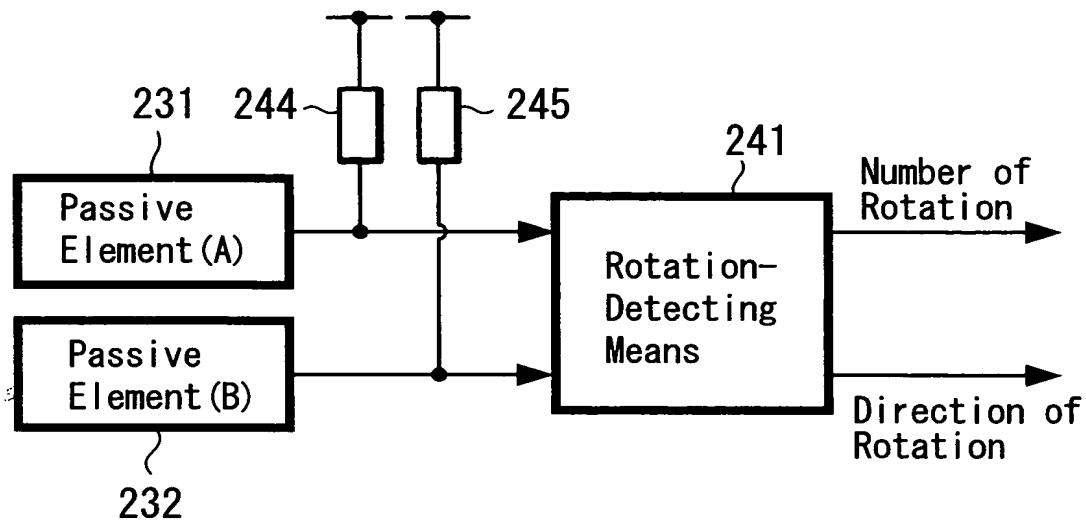
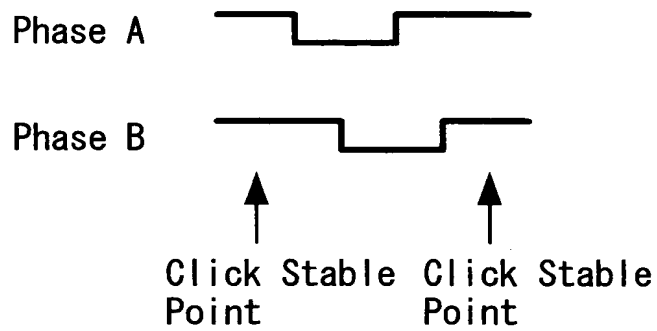
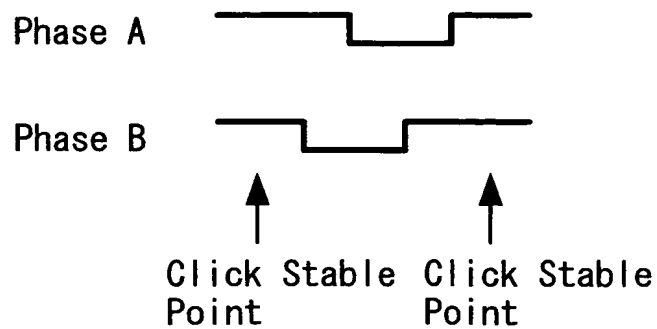


FIG. 11





**FIG. 12****FIG. 13****FIG. 14**

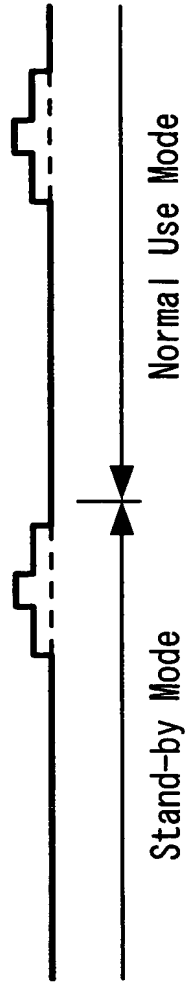
**FIG. 15A** Output of Passive Element (A)



**FIG. 15B** Output of Passive Element (B)



**FIG. 15C** Power Consumption



## DESCRIPTION OF REFERENCE SYMBOLS

1	...	...	LOWER CASING
2	...	...	OPERATION UNIT GROUP
4	...	...	MICROPHONE
10	...	...	HINGE PORTION
11	...	...	UPPER CASING
12	...	...	DISPLAY DEVICE (LCD)
13	...	...	SPEAKER
14	...	...	BACK LIGHT
20	...	...	CAMERA
21	...	...	LENS
23	...	...	JOG DIAL
23a	...	...	ROTARY DISC (ROTARY BODY)
23b	...	...	FIXED DISC
24	...	...	MAGNET
31, 32	...	...	ACTIVE ELEMENT
41	...	...	ROTATION-DETECTING MEANS
42	...	...	CONTROL MEANS
43	...	...	PULSE-DETECTING MEANS
44, 45	...	...	SWITCHING MEANS
101	...	...	ANTENNA
102	...	...	ANTENNA-SHARING DEVICE
103	...	...	MODULATOR
104	...	...	DEMODULATOR
105	...	...	LED

106 ... .. VIBRATOR  
110 ... .. CONTROLLER  
111 ... .. CPU  
112 ... .. EXTERNAL INTERFACE  
231, 232 ... .. PASSIVE ELEMENT  
241 ... .. ROTATION-DETECTING MEANS  
244, 245 ... .. RESISTOR